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952-912-0574

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DAC (I)  
P. 1 (S)

PTO/SB/21 (02-04)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/039,518
	Filing Date	November 8, 2001
	First Named Inventor	Kyung Joon Han
	Art Unit	2818
	Examiner Name	Hoai V. Ho
	Attorney Docket Number	01770.0007-US-2U
Total Number of Pages in This Submission	4	

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Request for Acceptance of Deficiency Payment Under 37 CFR 1.28(c) (2 pages)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David H. Carroll
Signature	
Date	April 6, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Michele Read		
Signature		Date	April 6, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**550****Complete if Known**

Application Number	10/039,518
Filing Date	November 8, 2001
First Named Inventor	Kyung Joon Han
Examiner Name	Hoai V. Ho
Art Unit	2818
Attorney Docket No.	01770.0007-US-2U

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

50-1038

Altera Law Group, LLC

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)**0****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent Claims	-3** =	X	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**0**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920	1804 920	Requesting publication of SIR prior to Examiner action	
1806 1,840	1806 1,840	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(g)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) **Deficiency****550**

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**550****SUBMITTED BY**Name (Print/Type) **David H. Carroll**

Signature

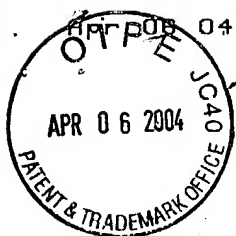
Registration No.  
(Attorney/Agent)**29.903**

(Complete if applicable)

Telephone **(952) 253-4135**Date **April 6, 2004****WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Han, et al. Examiner: Hoai V. Ho  
Serial No.: 10/039518 Group Art Unit: 2818  
Filed: November 8, 2001 Docket No.: 01770.0007-US-2U  
(Previously 11188.00)  
Confirmation No.: 8814  
Title: METHOD AND APPARATUS FOR MULTIPLE BYTE OR PAGE MODE  
PROGRAMMING AND READING AND FOR ERASING OF A FLASH  
MEMORY ARRAY

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office, Fax Number (703) 746-4000 on April 6, 2004.

Michele Read  
Name of Person Signing This Certificate

*Michele Read*  
Signature

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## REQUEST FOR ACCEPTANCE OF DEFICIENCY PAYMENT UNDER 37 CFR 1.28(c)

Sir:

Pursuant to 37 CFR 1.28(c), the Assignee believe that although its status as a small entity was established in good faith and fees as a small entity were paid in good faith, it has been discovered that such status as a small entity was established in error. Accordingly, Assignee hereby informs the Office of the amount of the deficiency payment for this matter according to the following itemization pursuant to paragraph (c)(1), and forwards the deficiency payment to the Office pursuant to paragraph (c)(2).

04/07/2004 AWONDAF1 00000174 501038 10039518

01 FC:1001	256.00 DA	514.00 OP
02 FC:1201	258.00 DA	
03 FC:1202	36.00 DA	

*Itemization*

Date.Fee Paid	Fee Description	Fee Paid	Fee Code	Current Fee Amount	Current Fee Code	Deficiency
11/08/2001	Utility Filing Fee	\$370 ✓	201	\$770	1001	\$400
11/08/2001	Claims in Excess of 20	\$18 ✓	203	\$36	1202	\$18
11/08/2001	Excess Independent Claims	\$126 ✓	202	\$258	1201	\$132

*Deficiencies*

The total deficiencies for the subject application are \$550.00.

*Notification of Loss of Entitlement to Small Entity Status*

A Notification of Loss of Entitlement to Small Entity Status was filed on February 18, 2004.

*Conclusion*

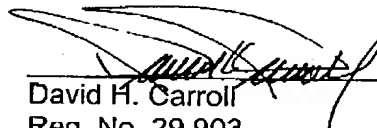
The examiner is respectfully requested to telephone the undersigned if there are any questions about this Request.

Respectfully submitted,

Altera Law Group, LLC  
Customer No. 22865

Date: April 6, 2004

By:

  
David H. Carroll  
Reg. No. 29,903  
DHC/mar

# Transaction List

Search by:

☐ Accounting Date:  Operator ID:   
(MMDDYY)

Accounting Date

Starts:

Ends:

☒ Name/Number:

☐ Attny Docket No:

☐ Deposit Account No:

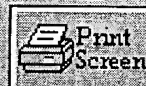


Accounting Date	Operator ID	Seq. No.	Txn Src	Fee Code	St	Amount	Name/Number	Dep Acct
02/24/2004	MBELETE2	211	SALE	1504	A	300.00	10039518	
02/24/2004	MBELETE2	210	SALE	1501	A	1,330.00	10039518	
02/24/2004	MBELETE2	203	SALE	1504	V	300.00	10039518	
02/24/2004	MBELETE2	202	SALE	1501	V	1,330.00	10039518	
05/23/2002	JSHABAZZ	69	SALE	581	A	40.00	10039518	041415
01/14/2002	WABDELR1	75	SALE	203	A	18.00	10039518	
01/14/2002	WABDELR1	74	SALE	202	A	126.00	10039518	
01/14/2002	WABDELR1	73	SALE	201	A	370.00	10039518	



Adjustment Detail

Authorization Detail



Adjustment date: 04/07/2004 AMONDAF1  
01/14/2002 WABDELR1 00000039 10039518  
01 FC:201 -370.00 OP  
02 FC:202 -126.00 OP  
03 FC:203 -18.00 OP